

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20020011762"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/16 17:33
S1	1	"10567627"	US-PGPUB; USPAT	OR	OFF	2008/05/20 13:29
S2	1	"6563252".pn.	US-PGPUB; USPAT	OR	OFF	2008/05/21 09:24
S3	448	251/129.06.ccls.	US-PGPUB; USPAT	OR	OFF	2008/05/21 10:03
S4	3	("5543679" or "5479062" or "5130598").pn.	US-PGPUB; USPAT	OR	OFF	2008/05/21 10:47
S5	2	("5543679" or "5479062" or "5130598").pn. and valve	US-PGPUB; USPAT	OR	OFF	2008/05/21 10:47
S6	1	S5 and pressure	US-PGPUB; USPAT	OR	OFF	2008/05/21 10:47
S7	5	US-6148791-\$.DID. OR US-6330510-\$.DID. OR US-20020011762-\$. DID. OR US-6563252-\$. DID. OR US-1164271-\$. DID.	US-PGPUB; USPAT	OR	OFF	2008/05/21 11:10
S8	3	S7 and valve and pressure	US-PGPUB; USPAT	OR	OFF	2008/05/21 11:10
S9	14	("5130598" "5479062" "5543679" "5986360" "6212053" "6435162" "6441535" "6459244").PN. OR ("6563252").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/21 14:57

S10	12	(US-20060255302-\$). did. or (US-6563252-\$ or US-6148791-\$ or US-6330510-\$ or US- 6459244-\$ or US- 6441535-\$ or US- 6435162-\$ or US- 6212053-\$ or US- 5986360-\$ or US- 5543679-\$ or US- 5479062-\$ or US- 5130598-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/05/21 14:58
S11	8	S10 and pressure	US-PGPUB; USPAT	OR	OFF	2008/05/21 14:59
S12	0	S10 and (parial\$4 near3 (open\$4 or clos \$4))	US-PGPUB; USPAT	OR	OFF	2008/05/21 15:02
S13	1	S10 and (partial\$4 near3 (open\$4 or clos \$4))	US-PGPUB; USPAT	OR	OFF	2008/05/21 15:02
S14	1	S10 and (fully near3 (open\$4 or clos\$4))	US-PGPUB; USPAT	OR	OFF	2008/05/21 15:02
S15	0	S14 and (partial\$4 near4 (open\$4 or clos \$4))	US-PGPUB; USPAT	OR	OFF	2008/05/21 15:04
S16	74	piezoelectric and (partially adj (open\$4 or clos\$4)) and (fuel near2 inject\$4)	US-PGPUB; USPAT	OR	OFF	2008/05/21 15:12
S17	45	piezoelectric and (partially adj (open\$4 or clos\$4)) and (fuel near2 inject\$4) and (charge)	US-PGPUB; USPAT	OR	OFF	2008/05/21 15:12
S18	58	piezoelectric and (partially adj (open\$4 or clos\$4)) and (fuel near2 inject\$4) and (charge state)	US-PGPUB; USPAT	OR	OFF	2008/05/21 15:13
S19	0	piezoelectric and (partially adj (open\$4 or clos\$4)) and (fuel near2 inject\$4) and (charge adj state)	US-PGPUB; USPAT	OR	OFF	2008/05/21 15:13
S20	2	piezoelectric and ((partially adj (open\$4 or clos\$4)) with charge) and (fuel near2 inject\$4)	US-PGPUB; USPAT	OR	OFF	2008/05/21 15:13

S21	74	piezoelectric and ((partially adj (open\$4 or clos\$4))) and (fuel near2 inject\$4)	US-PGPUB; USPAT	OR	OFF	2008/05/21 15:15
S22	6	("20020011762" "20030218437" "6148791" "6157174" "6330510" "6563252").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/21 17:14
S23	303	137/12.ccls. or 137/42. ccls.	US-PGPUB; USPAT	OR	OFF	2008/05/21 17:15
S24	257	137/12.ccls. or 137/42. ccls. and piezoelectric	US-PGPUB; USPAT	OR	OFF	2008/05/21 17:15
S25	257	137/12.ccls. or 137/42. ccls. and (piezoelectric or capacitive) and actuat\$4	US-PGPUB; USPAT	OR	OFF	2008/05/21 17:16
S26	18292	(aspelmayr or schrod of falke or franz or lobus).in.	US-PGPUB; USPAT	OR	OFF	2008/05/21 17:35
S27	482	(aspelmayr or schrod of falke or franz or lobus).in. and (piezoelectric or capacitive)	US-PGPUB; USPAT	OR	OFF	2008/05/21 17:36
S28	181	(aspelmayr or schrod of falke or franz or lobus).in. and (piezoelectric or capacitive) and actuat \$4	US-PGPUB; USPAT	OR	OFF	2008/05/21 17:36
S29	38	(aspelmayr or schrod of falke or franz or lobus).in. and (piezoelectric or capacitive) and actuat \$4 and injection	US-PGPUB; USPAT	OR	OFF	2008/05/21 17:36
S30	1	10/566495	US-PGPUB; USPAT	OR	OFF	2008/05/21 17:50
S31	1140	137/129.04.ccls. or 137/487.5.ccls.	US-PGPUB; USPAT	OR	OFF	2008/05/22 08:47
S32	121	S31 and (piezoelectric or capacitive)	US-PGPUB; USPAT	OR	OFF	2008/05/22 08:47
S33	94	S31 and (piezoelectric or capacitive) and (pressure near5 (sens \$4 or transduc\$4 or measur\$4))	US-PGPUB; USPAT	OR	OFF	2008/05/22 08:48

S34	8	S31 and (piezoelectric or capacitive).ab. and (pressure near5 (sens \$4 or transduc\$4 or measur\$4))	US-PGPUB; USPAT	OR	OFF	2008/05/22 08:48
S35	1	10/567627	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/25 14:50
S36	15	("5130598" "5479062" "5543679" "5986360" "6212053" "6435162" "6441535" "6459244").PN. OR ("6563252").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/15 14:48
S37	1	"5970430".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/15 14:58
S38	116	("4271505" "4627045" "4691328" "4831558" "4918690" "4955305" "4974625" "4976144" "5014185" "5023869" "5109692" "5146401" "5148433" "5193189" "5197328" "5404524" "5434774" "5439021" "5451932" "5469150" "5469548" "5485455" "5530643" "5558115" "5573032" "5592622" "5631825" "5650777" "5684451").PN. OR ("5970430").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/15 18:19
S39	1	"4976144".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/15 18:30
S40	1	11/276591	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/15 18:47
S41	2	11/451756	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/15 18:48
S42	0	11/349604	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/15 18:48
S43	2	10/467465	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/15 18:49

S44	1	(US-5543679-\$).did.	USPAT	OR	OFF	2009/04/15 19:25
S45	23	(US-20060255302-\$ or US-20040093173-\$ or US-20030218437-\$ or US-20030164160-\$ or US-20020121958-\$ or US-20020117557-\$ or US-20010039484-\$ or US-20010035465-\$). did. or (US-7455051-\$ or US-6978770-\$ or US-6563252-\$ or US- 6459244-\$ or US- 6441535-\$ or US- 6435162-\$ or US- 6330510-\$ or US- 6212053-\$ or US- 6157174-\$ or US- 6148791-\$ or US- 5986360-\$ or US- 5970430-\$ or US- 5543679-\$ or US- 5479062-\$ or US- 5130598-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/04/15 19:26
S46	13	S45 and "step"	US-PGPUB; USPAT	OR	OFF	2009/04/15 19:26
S47	195	"fuel injector" and "piezoelectric" and (stepped)	US-PGPUB; USPAT	OR	OFF	2009/04/15 19:36
S48	32	"fuel injector" and "piezoelectric" and (stepped) with (actuat \$4 or volt\$4)	US-PGPUB; USPAT	OR	OFF	2009/04/15 19:36
S49	0	"2002011762"	US-PGPUB; USPAT	OR	OFF	2009/04/15 19:43
S50	5	"2002011762"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/15 19:44
S51	4	stefani.in. near2 alexander.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/15 19:45
S52	2	"6563252".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/15 19:50

S53	2	"6148791".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/15 19:50
S54	1	10/567627	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/16 12:14
S55	16	("5487008" "5870992" "5937822" "5947077" "6019082").PN. OR ("6330510").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/16 13:34
S56	11	S55 and (pressure near3 (sens\$4 or transduc\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/16 13:35
S57	8	S55 and (pressure near3 (sens\$4 or transduc\$4)) and (pressure with inject \$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/16 13:39
S58	49557	((piezo or piezoelectric \$4 or piezo-electric\$4) near3 actuat\$4) (pressure near3 (sens \$4 or transduc\$4)) and (pressure with inject \$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/16 13:55
S59	470	((piezo or piezoelectric \$4 or piezo-electric\$4) near3 actuat\$4) and (pressure near3 (sens \$4 or transduc\$4)) and (pressure with inject \$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/16 13:55
S60	340	((piezo or piezoelectric \$4 or piezo-electric\$4) near3 actuat\$4) and (pressure near3 (sens \$4 or transduc\$4)) and (pressure near3 inject \$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/16 13:56
S61	81	(control near4 (piezo or piezoelectric\$4 or piezo-electric\$4) near3 actuat\$4) and (pressure near3 (sens \$4 or transduc\$4)) and (pressure near3 inject \$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/16 13:56

S62	365	(control near4 (piezo or piezoelectric\$4 or piezo-electric\$4) near4 actuat\$4) and ((pressure near3 (sens \$4 or transduc\$4)z0 near3 inject\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/16 13:59
S63	62	(control\$4 near4 (piezo or piezoelectric \$4 or piezo-electric\$4) near3 actuat\$4 near4 inject\$4) and ((pressure near3 (sens \$4 or transduc\$4)z0 near3 inject\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/16 13:59
S64	2	"20020011762"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/16 15:59

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